

Applicant: Donovan
Serial No.: 09/810,601
Filed: March 15, 2001
Page 2 of 2

The Office Action states that the Sequence Listing submitted December 23, 2002 did not comply with all of the requirements of 37 CFR 1.822 and/or 1.823. A paper copy and a computer readable form of a corrected Sequence Listing are enclosed herewith. Applicant submits that all of the requirements of 37 CFR 1.822 and/or 1.823 have been met. The enclosed Sequence Listing is to be substituted for any previously filed Sequence Listing currently in the file.

In addition, a copy of the Notice to Comply, and a Declaration Pursuant to 37 C.F.R. § 1.821(f) are also enclosed.

In conclusion, applicant submits that the application is in proper form, and requests a favorable action on the merits.

Respectfully submitted,



Frank J. Uxa
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Irvine, California 92618
(949) 450-1750
(949) 450-1764 Facsimile

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202, on: February 21, 2003

Micheal J. Uxa, Assistant

Feb-06-03 03pm

From-ALLERGAN LEGAL DEPARTMENT

+17142464248

T-237 P.06/14 F-818

FEB 27 2003

Application No.: 09/810,601

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING
NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

Applicant must file the items indicated below within the time period set the Office action to which the Notice is attached to avoid abandonment under 35 U.S.C. § 133 (extensions of time may be obtained under the provisions of 37 CFR 1.136(a)).

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.826. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998).

2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).

3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).

4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked-up "Raw Sequence Listing."

5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).

6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).

7. Other: See Raw Sequence Listing Error Report

RECEIVED

MAR 06 2003

Applicant Must Provide:

An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".

An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.

A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g).

TECH CENTER 1600/2900

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216 or (703) 308-2923
- For CRF Submission Help, call (703) 308-4212
- For PatentIn software Program Support:
 - HELP DESK: (703) 739-8559, ext 508, M-F, 8 AM to 5 PM EST except holidays
 - Email: PATIN21HELP@uspto.gov
 - To purchase PatentIn software: (703) 306-2600

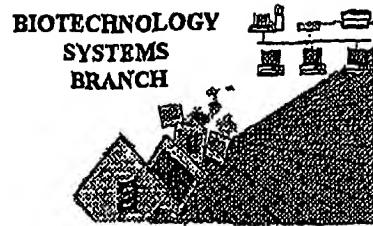
PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR RESPONSE

Feb-06-03 0303pm
FEB 27 2003
PATENT & TRADEMARK OFFICE

From-ALLERGAN LEGAL DEPARTMENT

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T-237 P.07/14 F-818



RAW SEQUENCE LISTING
ERROR REPORT

RECEIVED

FEB 27 2003

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

09/810,601A

Source:

1600 RUSH

Date Processed by STIC:

1/15/2003

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addressees:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name,
Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two,
2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office,
Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002



1600

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/610,601A

DATE: 01/15/2003

TIME: 18:15:08

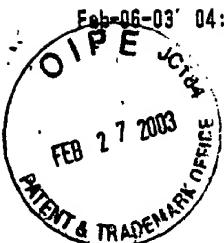
Input Set : A:\D2947CIP 021211.ST25.txt

Output Set: N:\CRF4\01152003\I810601A.raw

3 <110> APPLICANT: Allergan Sales, Inc.
 4 Donovan, Stephen
 6 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING GONADOTROPHIN RELATED
 ILLNESSES
 8 <130> FILE REFERENCE: D-2947-CIP
 10 <140> CURRENT APPLICATION NUMBER: 09/610,601A
 11 <141> CURRENT FILING DATE: 2001-03-15
 13 <150> PRIOR APPLICATION NUMBER: 09/692,811
 14 <151> PRIOR FILING DATE: 2000-10-20
 16 <160> NUMBER OF SEQ ID NOS: 52
 18 <170> SOFTWARE: PatentIn version 3.1
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 21 <211> LENGTH: 10
 22 <212> TYPE: PRT
 23 <213> ORGANISM: Homo sapiens
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 26 <221> NAME/KEY: MISC_FEATURE
 27 <222> LOCATION: (1)..(1)
 .. 28 <223> OTHER INFORMATION: Xaa at position 1 is PyroGlu
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 34 1 5 10
 37 <210> SEQ ID NO: 2
 38 <211> LENGTH: 10
 39 <212> TYPE: PRT
 40 <213> ORGANISM: Artificial Sequence
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 45 <220> FEATURE:
 46 <221> NAME/KEY: MISC_FEATURE
 47 <222> LOCATION: (1)..(1)
 48 <223> OTHER INFORMATION: Xaa at position 1 is PyroGlu
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 52 <221> NAME/KEY: MISC_FEATURE
 53 <222> LOCATION: (10)..(10)
 54 <223> OTHER INFORMATION: Xaa at position 1 is Gly-NH₂
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 60 1 5 10
 63 <210> SEQ ID NO: 3
 64 <211> LENGTH: 10
 65 <212> TYPE: PRT
 66 <213> ORGANISM: Artificial Sequence
 68 <220> FEATURE:

Does Not Comply
Connected Diskette Needed
ppr 1-6

10C



RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/810,601A

DATE: 01/15/2003

TIME: 18:15:08

Input Set : A:\D2947CIP 021211.ST25.txt
Output Set: N:\CRF4\01152003\I810601A.raw

69 <223> OTHER INFORMATION: Gonadotrophin Release Hormone Analogue

71 <220> FEATURE:

72 <221> NAME/KEY: MISC_FEATURE

73 <222> LOCATION: (1)..(1)

74 <223> OTHER INFORMATION: Xaa at position 1 is PyroGlu

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79 <222> LOCATION: (10)..(10)

80 <223> OTHER INFORMATION: Xaa at position 10 is ethylamide

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95 <223> OTHER INFORMATION: Gonadotrophin Release Hormone Analogue

97 <220> FEATURE:

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99 <222> LOCATION: (1)..(1)

100 <223> OTHER INFORMATION: Xaa at position 1 is PyroGlu

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104 <221> NAME/KEY: MISC_FEATURE

105 <222> LOCATION: (10)..(10)

106 <223> OTHER INFORMATION: Xaa at position 10 is Aza-Gly-NH2

109 <400> SEQUENCE: 4

OK 111 Xaa His Trp Ser Tyr Gly Leu Arg Pro Xaa

112 1 5 10

115 <210> SEQ ID NO: 5

116 <211> LENGTH: 10

117 <212> TYPE: PRT

118 <213> ORGANISM: Artificial Sequence

120 <220> FEATURE:

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123 <220> FEATURE:

124 <221> NAME/KEY: MISC_FEATURE

125 <222> LOCATION: (1)..(1)

126 <223> OTHER INFORMATION: Xaa at position 1 is PyroGlu

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130 <221> NAME/KEY: MISC_FEATURE

131 <222> LOCATION: (10)..(10)

132 <223> OTHER INFORMATION: Xaa at position 10 is Gly-NH2

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OK 137 Xaa His Trp Ser Tyr Lys Leu Arg Pro Xaa

138 1 5 10

141 <210> SEQ ID NO: 6

142 <211> LENGTH: 10

143 <212> TYPE: PRT



Report 09 04:04pm

From:ALLERGAN LEGAL DEPARTMENT

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T-237 P.10/14 F-818

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/810,601A

DATE: 01/15/2003

TIME: 18:15:08

Input Set : A:\D2947CIP 021211.ST25.txt
Output Set: N:\CRF4\01152003\I810601A.raw

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V--> 189 Xaa His Trp Ser Tyr Lys Leu Arg Pro Xaa
190 1 5 10

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214 <221> NAME/KEY: MISC_FEATURE
215 <222> LOCATION: (10)..(10)
216 <223> OTHER INFORMATION: Xaa at position 10 is Gly-NH2

RAW SEQUENCE LISTING DATE: 01/15/2003
PATENT APPLICATION: US/09/810,601A TIME: 18:15:08

Input Set : A:\D2947CIP 021211.ST25.txt
Output Set: N:\CRF4\01152003\I810601A.raw

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221 Xaa His Trp Ser Tyr Xaa Leu Arg Pro Xaa
222 1 5 10
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234 <221> NAME/KEY: MISC_FEATURE
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248 <223> OTHER INFORMATION: Xaa at position 10 is ethylamide
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254 1 5 10
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262 <220> FEATURE:
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274 <223> OTHER INFORMATION: Xaa at position 6 is D-Lys
277 <220> FEATURE:
278 <221> NAME/KEY: MISC_FEATURE
279 <222> LOCATION: (10)..(10)
280 <223> OTHER INFORMATION: Xaa at position 10 is Aza-Gly-NH2
283 <400> SEQUENCE: 10
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286 1 5 10
289 <210> SEQ ID NO: 11
290 <211> LENGTH: 10
291 <212> TYPE: PRT
292 <213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING DATE: 01/15/2003
PATENT APPLICATION: US/09/810,601A TIME: 18:15:08

Input Set : A:\D2947CIP 021211.ST25.txt
Output Set: N:\CRF4\01152003\I810601A.raw

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295 <223> OTHER INFORMATION: Gonadotrophin Release Hormone Analogue
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300 <223> OTHER INFORMATION: Xaa at position 1 is PyroGlu
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305 <222> LOCATION: (6)...(6)
306 <223> OTHER INFORMATION: Xaa at position 6 is Ornithine
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311 <222> LOCATION: (10)...(10)
312 <223> OTHER INFORMATION: Xaa at position 10 is Gly-NH2
315 <400> SEQUENCE: 11

W--> 317 Xaa His Trp Ser Tyr Xaa Leu Arg Pro Xaa
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324 <213> ORGANISM: Artificial Sequence
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327 <223> OTHER INFORMATION: Gonadotrophin Release Hormone Analogue
329 <220> FEATURE:
330 <221> NAME/KEY: MISC_FEATURE
331 <222> LOCATION: (1)...(1)
332 <223> OTHER INFORMATION: Xaa at position 1 is PyroGlu
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337 <222> LOCATION: (6)...(6)
338 <223> OTHER INFORMATION: Xaa at position 6 is Ornithine
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343 <222> LOCATION: (10)...(10)
344 <223> OTHER INFORMATION: Xaa at position 10 is ethylamide
347 <400> SEQUENCE: 12

W--> 349 Xaa His Trp Ser Tyr Xaa Leu Arg Pro Xaa
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361 <220> FEATURE:
362 <221> NAME/KEY: MISC_FEATURE
363 <222> LOCATION: (1)...(1)
364 <223> OTHER INFORMATION: Xaa at position 1 is PyroGlu
367 <220> FEATURE:

Please correct this
err in
subsequent
sequences.

OK

15, 18, 21, 24, 27, 30,
33, 36, 46

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 01/15/2003
PATENT APPLICATION: US/09/810,601A TIME: 18:15:09

Input Set : A:\D2947CIP 021211.ST25.txt
Output Set: N:\CRF4\01152003\I810601A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 1
Seq#:2; Xaa Pos. 1,10
Seq#:3; Xaa Pos. 1,10
Seq#:4; Xaa Pos. 1,10
Seq#:5; Xaa Pos. 1,10
Seq#:6; Xaa Pos. 1,10
Seq#:7; Xaa Pos. 1,10
Seq#:8; Xaa Pos. 1,6,10
Seq#:9; Xaa Pos. 1,6,10
Seq#:10; Xaa Pos. 1,6,10
Seq#:11; Xaa Pos. 1,6,10
Seq#:12; Xaa Pos. 1,6,10
Seq#:13; Xaa Pos. 1,6,10
Seq#:14; Xaa Pos. 1,6,10
Seq#:15; Xaa Pos. 1,6,10
Seq#:16; Xaa Pos. 1,6,10
Seq#:17; Xaa Pos. 1,10
Seq#:18; Xaa Pos. 1,10
Seq#:19; Xaa Pos. 1,10
Seq#:20; Xaa Pos. 1,6,10
Seq#:21; Xaa Pos. 1,6,10
Seq#:22; Xaa Pos. 1,6,10
Seq#:23; Xaa Pos. 1,10
Seq#:24; Xaa Pos. 1,10
Seq#:25; Xaa Pos. 1,10
Seq#:26; Xaa Pos. 1,6,10
Seq#:27; Xaa Pos. 1,6,10
Seq#:28; Xaa Pos. 1,6,10
Seq#:29; Xaa Pos. 1,10
Seq#:30; Xaa Pos. 1,10
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Seq#:33; Xaa Pos. 1,6,10
Seq#:34; Xaa Pos. 1,6,10
Seq#:35; Xaa Pos. 1,10
Seq#:36; Xaa Pos. 1,10
Seq#:37; Xaa Pos. 1,10
Seq#:38; Xaa Pos. 1,6,10
Seq#:39; Xaa Pos. 1,6,10
Seq#:40; Xaa Pos. 1,6,10
Seq#:46; Xaa Pos. 1,6,10
Seq#:51; Xaa Pos. 2,3,5

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/810,601A

DATE: 01/15/2003

TIME: 18:15:09

Input Set : A:\D2947CIP 021211.ST25.txt
Output Set: N:\CRF4\01152003\I810601A.raw

L:33 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:59 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:85 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:111 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:137 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:163 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:189 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:221 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:253 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:285 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
L:317 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
L:349 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
L:381 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:413 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:445 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
L:477 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:503 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
L:529 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
L:555 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0
L:587 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0
L:619 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0
L:651 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0
L:677 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0
L:703 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0
L:729 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0
L:761 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0
L:793 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0
L:825 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0
L:851 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0
L:877 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0
L:903 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0
L:935 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
L:967 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0
L:999 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0
L:1025 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:0
L:1051 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:0
L:1077 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0
L:1109 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:0
L:1141 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:0
L:1173 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
L:1274 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:0
L:1368 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:0